

# Sequence Listing

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<110> Kwangju Institute of Science and Technology

<120> RECOMBINANT VECTOR FOR TRANSFORMING STRAIN TO DETECT BENZOIC ACID  
AND DERIVATIVES THEREOF, TRANSFORMANT CONTAINING THE RECOMBINANT  
VECTOR, AND METHOD FOR DETECTING BENZOIC ACID AND DERIVATIVES  
THEREOF USING THE TRANSFORMANT

<160> 3

<170> KopatentIn 1.71

<210> 1

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> primer

<400> 1

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25

<210> 2

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> primer

<400> 2

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25

<210> 3

<211> 1331

<212> DNA

# Sequence Listing

<213> Ralstonia sp.U2

<220>

<221> gene

<222> (267)..(1172)

<223> nagR gene

<220>

<221> promoter

<222> (1173)..(1288)

<223> promoter region of nagAa gene

<400> 3

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ctggcggacg atgycagttc cgacccggct gcctacgcac aagaccagtc gcatgggaga	180
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gcagtcaata tgggtttgct ggaagcttat gcttcagaga aaagctcgac gaacaactga	300
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ccatcgacct caccgtgtcc ggtgttgagt gcgaccacgc cgacatgctc cagttcactg	600
aactgtttca ggctcatggg ggatttggcg cttggatggt ccttgccgaa catgcatacg	660
tagcgtggc gaaagaggcg ccgctggaag aatccggtct gtagctctgg cagaagacct	720
aaggcgagat caaccgcacc ggactccata tcctccttca gattgccagc attcgggcgc	780

## Sequence Listing

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tcgaaagagt cacgggtcgt cagtgccgtc tgcagcgtgt tgagcgcata gatcacgggc	960
tccgcaagat gcagtgcata cgggtgcggc tccatgcctt ttgaggtgcg caagaacaaa	1020
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cccagttttt cgccggccgt cgatacgctc cggtcgagca gtagctgggt gaagaccacc	1140
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ttttaactat cagacttgat ctatagcgtc ataccgatcg acgcgccaga atcgagcca	1260
ttcggagaca actgaaaaaa gagcttgcac ggaactggta gtagaacccc tcaattagca	1320
tctagacgcg g	1331